

D1

is coupled to the output circuit and begins an output operation to drive the speaker in response to being activated by the activation circuit.--

Please replace claim 8 with the following (a marked up version is in the Appendix below):

D2

--8.(Twice Amended) A sound processing system comprising:

a speaker;

an integrated circuit having a first terminal coupled to the speaker, the integrated circuit further comprising:

an output circuit coupled to the first terminal, wherein the output circuit applies to the first terminal an analog output signal to drive the speaker;

an input circuit coupled to the first terminal, wherein the input circuit processes an input signal from the speaker via the first terminal;

a memory array; and

access circuitry capable of reading values from the memory array,

wherein:

the output circuit comprises a converter coupled to the access circuitry, wherein the converter converts a series of values read by the access circuitry into an analog signal that determines the output signal.--

Please replace claims 11 and 12 with the following (a marked up versions are in the Appendix below):

D3

--11.(Twice Amended) A sound processing system comprising:

a speaker;

an integrated circuit having a first terminal coupled to the speaker, the integrated circuit further comprising:

an output circuit coupled to the first terminal, wherein the output circuit applies to the first terminal an analog output signal to drive the speaker; and

an input circuit coupled to the first terminal, wherein the input circuit processes an input signal from the speaker via the first terminal,

wherein the integrated circuit is in a three pin package including a first pin connected to the speaker and the first terminal of the integrated circuit, a second pin for connection to a power supply, and a third pin for connection to ground.

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12.(Amended) A sound processing system comprising:
a speaker;
an integrated circuit having a first terminal coupled to the speaker, the integrated circuit further comprising:
an output circuit coupled to the first terminal, wherein the output circuit applies to the first terminal an output signal to drive the speaker; and
an input circuit coupled to the first terminal, wherein the input circuit processes an input signal from the speaker via the first terminal,
wherein the integrated circuit is in a three pin package including a first pin connected to the speaker and the first terminal of the integrated circuit, a second pin for connection to a power supply, and a third pin for connection to ground, and wherein the three pin package is a T092 package.--

Please replace claim 20 with the following (a marked up version is in the Appendix below):

D5

--20.(Amended) A method for operating a sound processing system, comprising:
connecting a terminal of a sound processing circuit to a speaker;
creating a vibration in the speaker that causes the speaker to generate an input signal to the terminal of the sound processing circuit;
activating a functional unit in the sound processing circuit in response to the input signal; and
in response to activating the functional unit, generating an analog output signal from the functional unit through the terminal to the speaker, wherein the output signal drives the speaker to produce a sound.--

Please replace claim 22 with the following (a marked up version is in the Appendix below):

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--22.(Amended) A method for operating a sound processing system, comprising:
connecting a terminal of a sound processing circuit to a speaker;

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creating a vibration in the speaker that causes the speaker to generate an input signal to the terminal of the sound processing circuit, wherein creating the vibration comprises touching in the speaker;

activating a functional unit in the sound processing circuit in response to the input signal; and

in response to activating the functional unit, generating an output signal from the functional unit through the terminal to the speaker, wherein the output signal drives the speaker to produce a sound.--

Please replace claim 28 with the following (a marked up version is in the Appendix below):

D7
--28.(Amended) A method for operating a sound processing system, comprising:

connecting a terminal of a sound processing circuit to a speaker;

creating a vibration in the speaker that causes the speaker to generate an input signal to the terminal of the sound processing circuit;

activating a functional unit in the sound processing circuit in response to the input signal; and

in response to activating the functional unit, generating an output signal from the functional unit through the terminal to the speaker, wherein the output signal drives the speaker to produce a sound; and

recording an audio input by said functional unit through the speaker prior to creating the vibration, wherein the output signal is derived from the audio input.--

Please replace claim 34 with the following (a marked up version is in the Appendix below):

D8
--34.(Amended) A method for operating a sound processing unit, comprising:

connecting a terminal of a sound processing circuit to a speaker;

recording by the sound processing circuit an audio input received through the speaker;

generating an input signal to the terminal of the sound processing circuit; and

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in response to the input signal, supplying from the sound processing circuit through the terminal to the speaker an analog output signal derived from the audio input, wherein the output signal drives the speaker to produce a sound.--

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